

ABSTRACT OF THE DISCLOSURE

An enhanced visibility composition for implantation from a remote source, so
that the composition can be readily observed under fluoroscopy or other imaging
techniques. The compositions include a biocompatible matrix, such as a hard tissue
5 implant material for example, and radiopaque particles mixed in the matrix. The
radiopaque particles have a particle size between about 120 μ and 2200 μ , more
preferably about 350 μ and 2200 μ , even more preferably between about 450 μ and
1600 μ , and most preferably between about 570 μ and 1150 μ . Preferably the hard
tissue implant and the radiopaque particles are formed or prepared in a slurry.
10 Optionally, the enhanced visibility composition may further include additional
radiopaque particles or contrast particles mixed in with the composition, which have a
particle size between about 120 μ and 350 μ , preferably between about 120 μ and 250 μ .